



HIV IN THE BALTIMORE-COLUMBIA-TOWSON METROPOLITAN AREA

**GREATER BALTIMORE HIV HEALTH SERVICES
PLANNING COUNCIL
APRIL 18, 2017**

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HIV Surveillance, Epidemiology and Evaluation**

**Maryland Department of Health and Mental Hygiene
Prevention and Health Promotion Administration**



MISSION AND VISION

MISSION

- The mission of the Prevention and Health Promotion Administration is to protect, promote and improve the health and well-being of all Marylanders and their families through provision of public health leadership and through community-based public health efforts in partnership with local health departments, providers, community based organizations, and public and private sector agencies, giving special attention to at-risk and vulnerable populations.

VISION

- The Prevention and Health Promotion Administration envisions a future in which all Marylanders and their families enjoy optimal health and well-being.



U.S. Prevalence

- CDC estimated 1,107,700 adults/adolescents were living with HIV at the end of 2014
 - 37,200 in Maryland
- 15.0% were undiagnosed
 - 15.3% in Maryland
- Satcher Johnson, CROI 2017

Living Adult/Adolescent HIV Diagnoses, Year-end 2014 Ranked by Rates

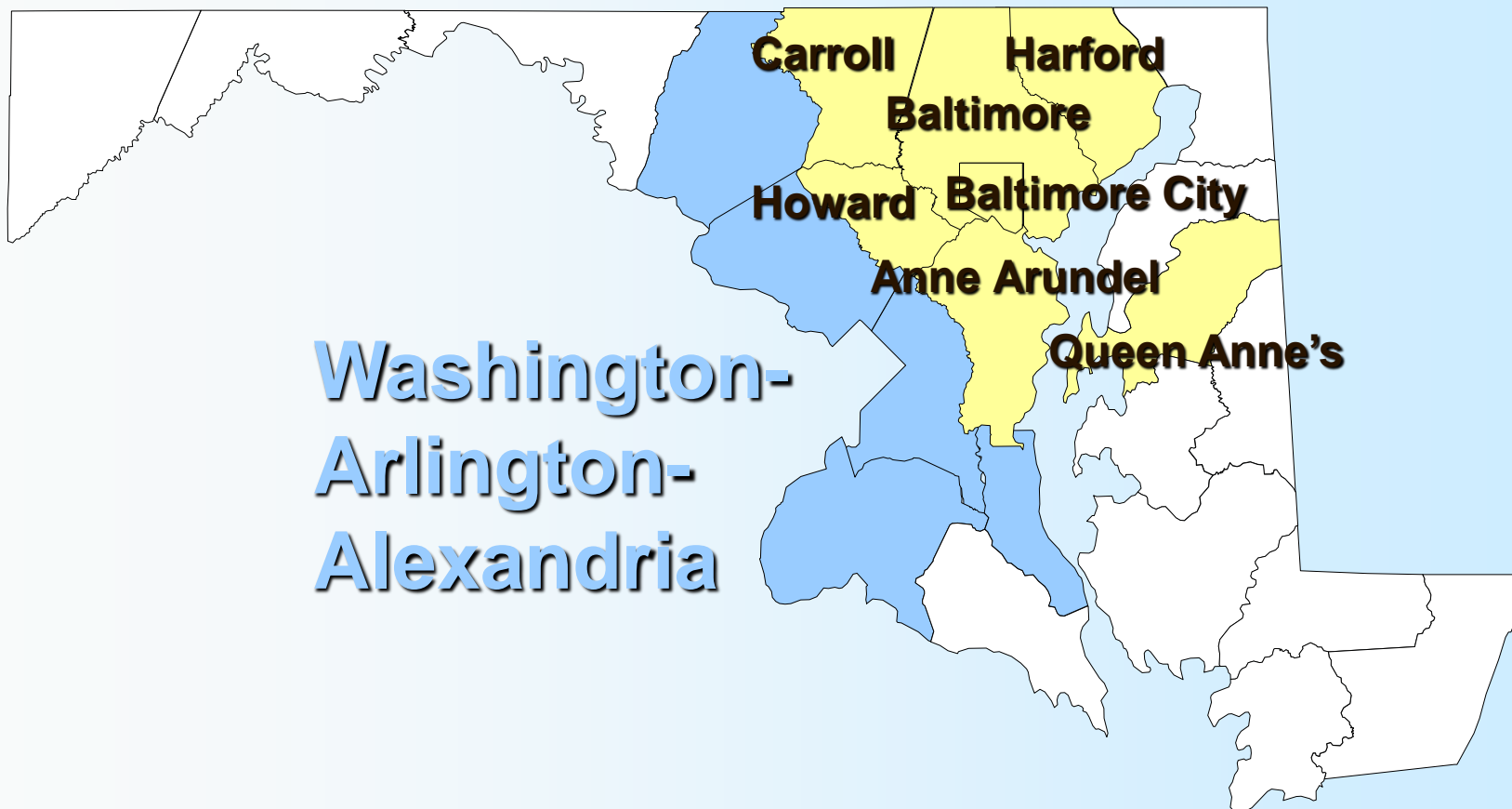


Rank	State/Territory	Reported Cases	Rate per 100,000
1	District of Columbia	15,200	2,665.0
2	New York	130,753	781.6
3	U.S. Virgin Islands	565	642.1
4	Maryland	32,002	638.9
5	Florida	103,696	609.0
6	Puerto Rico	17,072	567.3
7	Georgia	46,870	564.0
8	Louisiana	18,950	493.0
9	New Jersey	35,682	474.8
10	Delaware	3,213	406.9
	United States	970,319	360.0



Maryland Ryan White Eligible Metropolitan Areas

Baltimore-Columbia-Towson



Living HIV Diagnoses, Year-end 2014 Ranked by Estimated Rates



Rank	Metropolitan Area	Reported Cases	Rate per 100,000
1	Miami-Fort Lauderdale-West Palm Beach, FL	51,494	867.3
2	New York-Newark-Jersey City, NY-NJ-PA	139,679	695.1
3	Baton Rouge, LA	4,957	600.5
4	Baltimore-Columbia-Towson, MD	16,325	585.8
5	New Orleans-Metairie, LA	7,263	580.1
6	Jackson, MS	3,181	550.0
7	Atlanta-Sandy Springs-Roswell, GA	28,568	508.7
8	San Francisco-Oakland-Hayward, CA	23,217	505.2
9	Orlando-Kissimmee-Sanford, FL	10,603	455.7
10	Jacksonville, FL	6,455	454.3
13	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	24,823	410.0
26	Washington-Arlington-Alexandria, DC-VA-MD-WV	19,610	325.0
	United States (50 states, DC, PR only)	972,166	301.5



Changes in HIV Incidence

- New method for calculating HIV incidence
- Old estimate was an unchanged 47,500 during 2008-2010
- New estimate is a -3.6% estimated annual percent change (EAPC) during 2008-2014 with 37,600 in 2014
- Maryland is one of only 8 states with a significant decrease
 - -7.5% EAPC to 1,200 infections in 2014
- Satcher Johnson, CROI 2017

HIV Diagnoses during 2015 Ranked by Rates



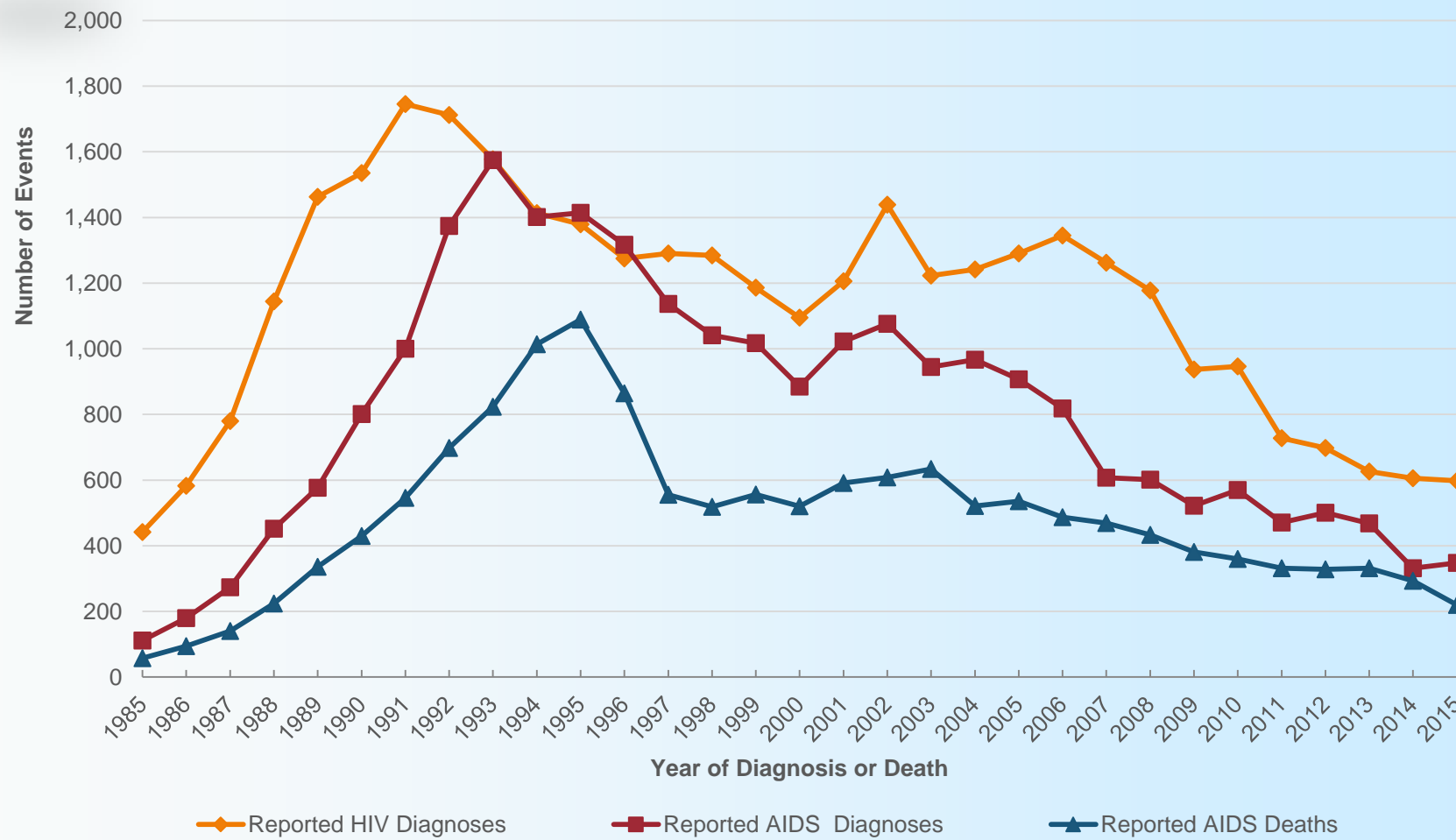
Rank	State/Territory	Reported Cases	Rate per 100,000
1	District of Columbia	383	57.0
2	Louisiana	1,131	24.2
3	Florida	4,864	24.0
4	Georgia	2,386	23.4
5	Maryland	1,348	22.4
6	Mississippi	510	17.0
7	Nevada	487	16.8
8	Texas	4,491	16.3
9	New York	3,128	15.8
10	Puerto Rico	509	14.7
	United States	40,040	12.3

HIV Diagnoses during 2015 Ranked by Rates



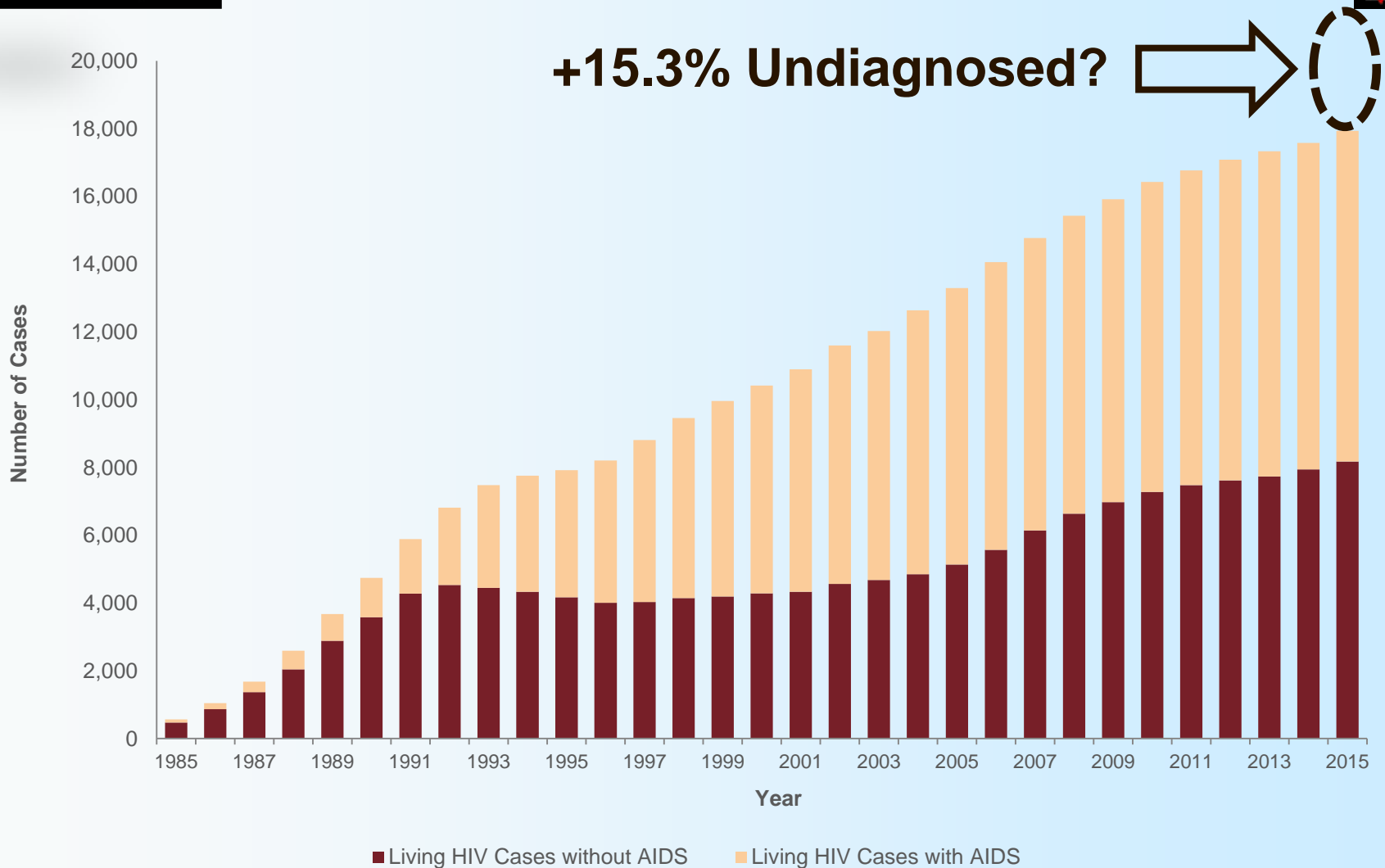
Rank	Metropolitan Area	Reported Cases	Rate per 100,000
1	Miami-Fort Lauderdale-West Palm Beach, FL	2,332	38.8
2	Baton Rouge, LA	266	32.0
3	New Orleans-Metairie, LA	403	31.9
4	Jackson, MS	181	31.3
5	Atlanta-Sandy Springs-Roswell, GA	1,472	25.8
6	Orlando-Kissimmee-Sanford, FL	614	25.7
7	Louisville/Jefferson County, KY-IN	313	24.5
8	Memphis, TN-MS-AR	311	23.1
9	Jacksonville, FL	329	22.7
10	Baltimore-Columbia-Towson, MD	618	22.1
12	Washington-Arlington-Alexandria, DC-VA-MD-WV	1,308	21.5
32	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	862	14.2
	United States (50 states, DC, PR only)	40,022	12.3

Baltimore-Columbia-Towson MSA Adult/Adolescent HIV/AIDS Trends



Using data as reported through 6/30/2016

Baltimore-Columbia-Towson MSA Living Adult/Adolescent HIV Cases



Using data as reported through 6/30/2016

HIV Statistics Adult/Adolescent Cases Baltimore-Columbia-Towson MSA

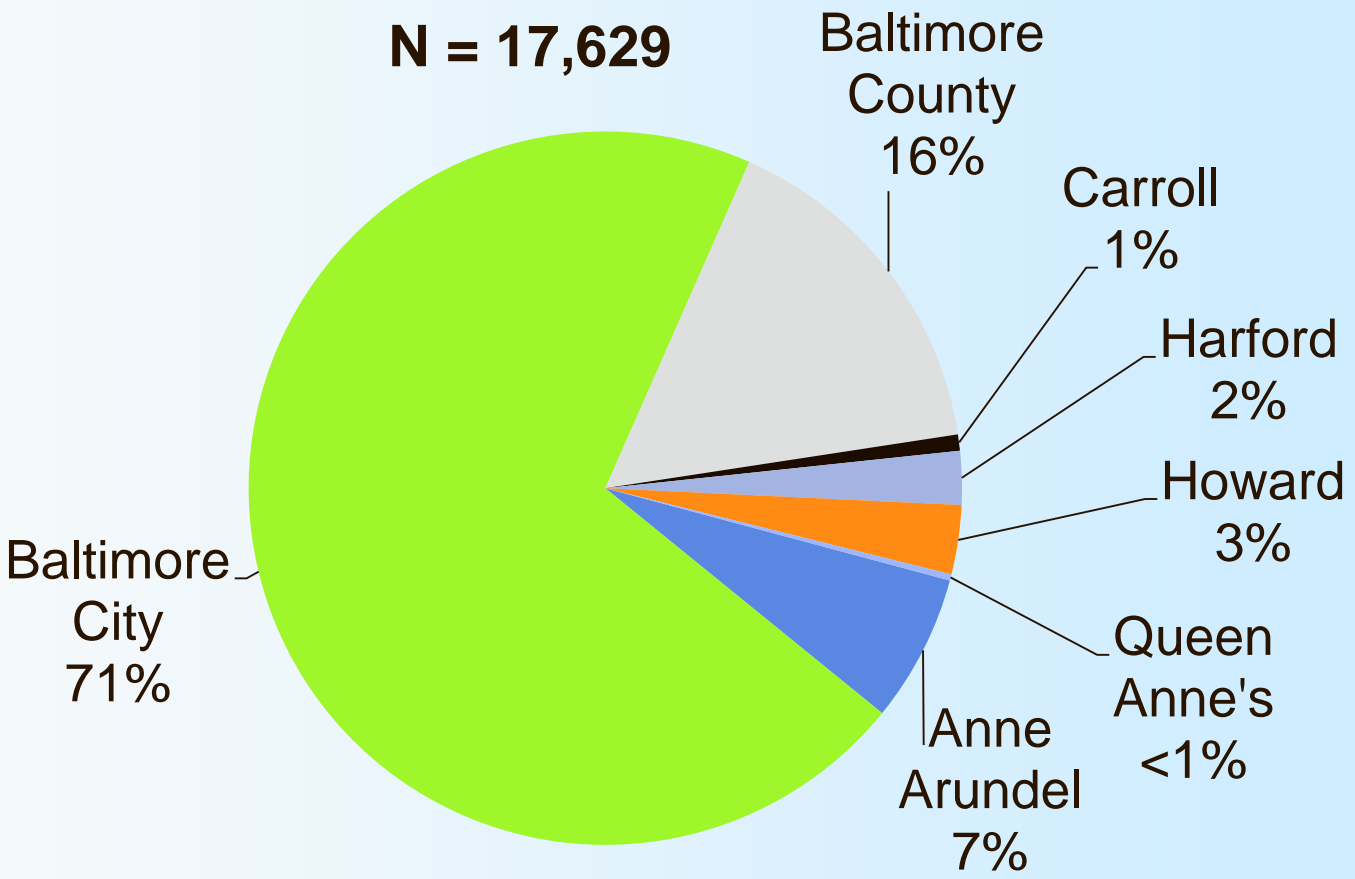


	HIV Diagnoses during 2015	Living HIV Cases on 12/31/2015
Baltimore-Columbia-Towson MSA	598	17,629
Anne Arundel	62	1,180
Baltimore City	353	12,473
Baltimore County	133	2,816
Carroll	6	130
Harford	12	428
Howard	31	553
Queen Anne's	1	49

Using data as reported through 6/30/2016



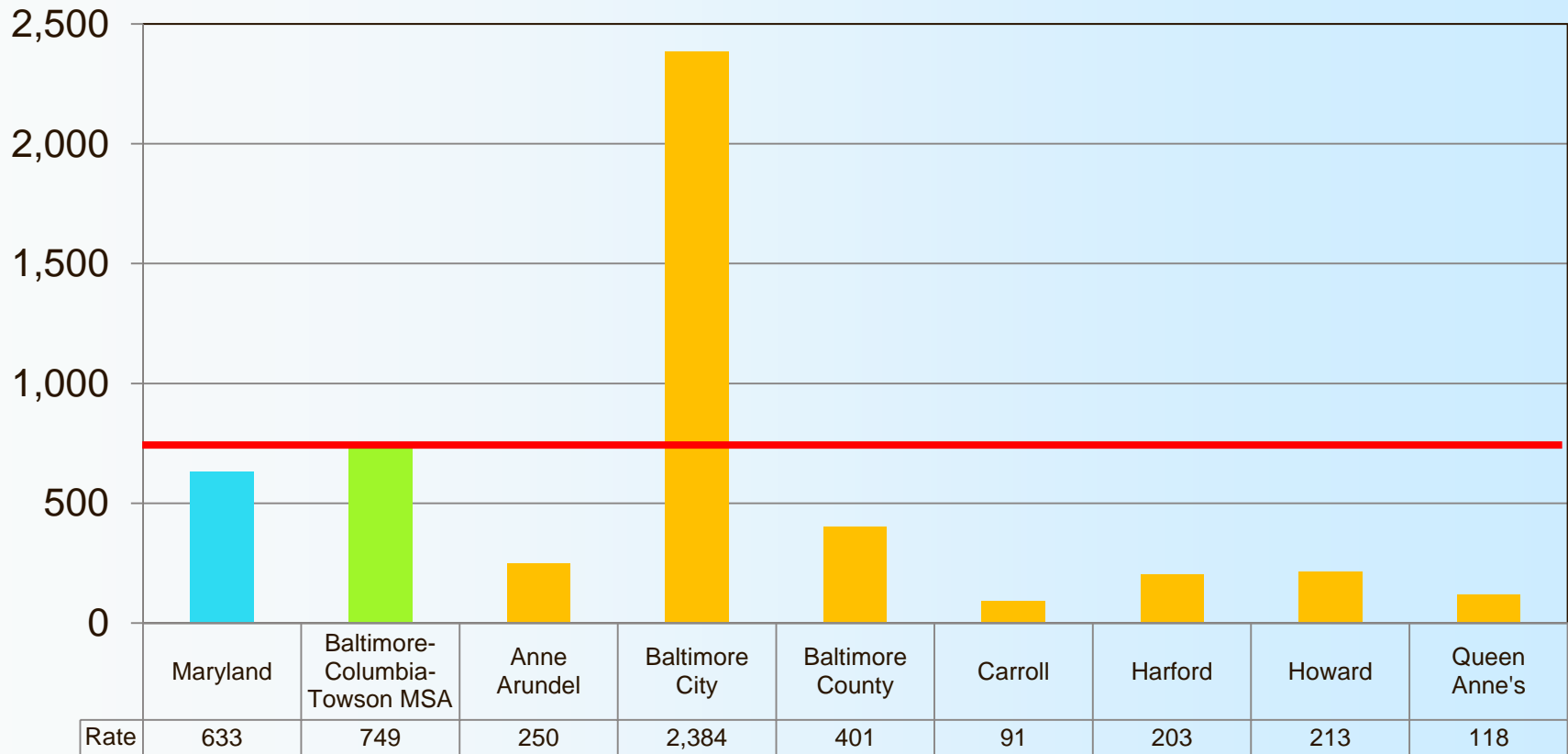
Baltimore-Columbia-Towson MSA Living Adult/ Adolescent HIV Cases by Jurisdiction, 12/31/15



Using data as reported through 6/30/2016



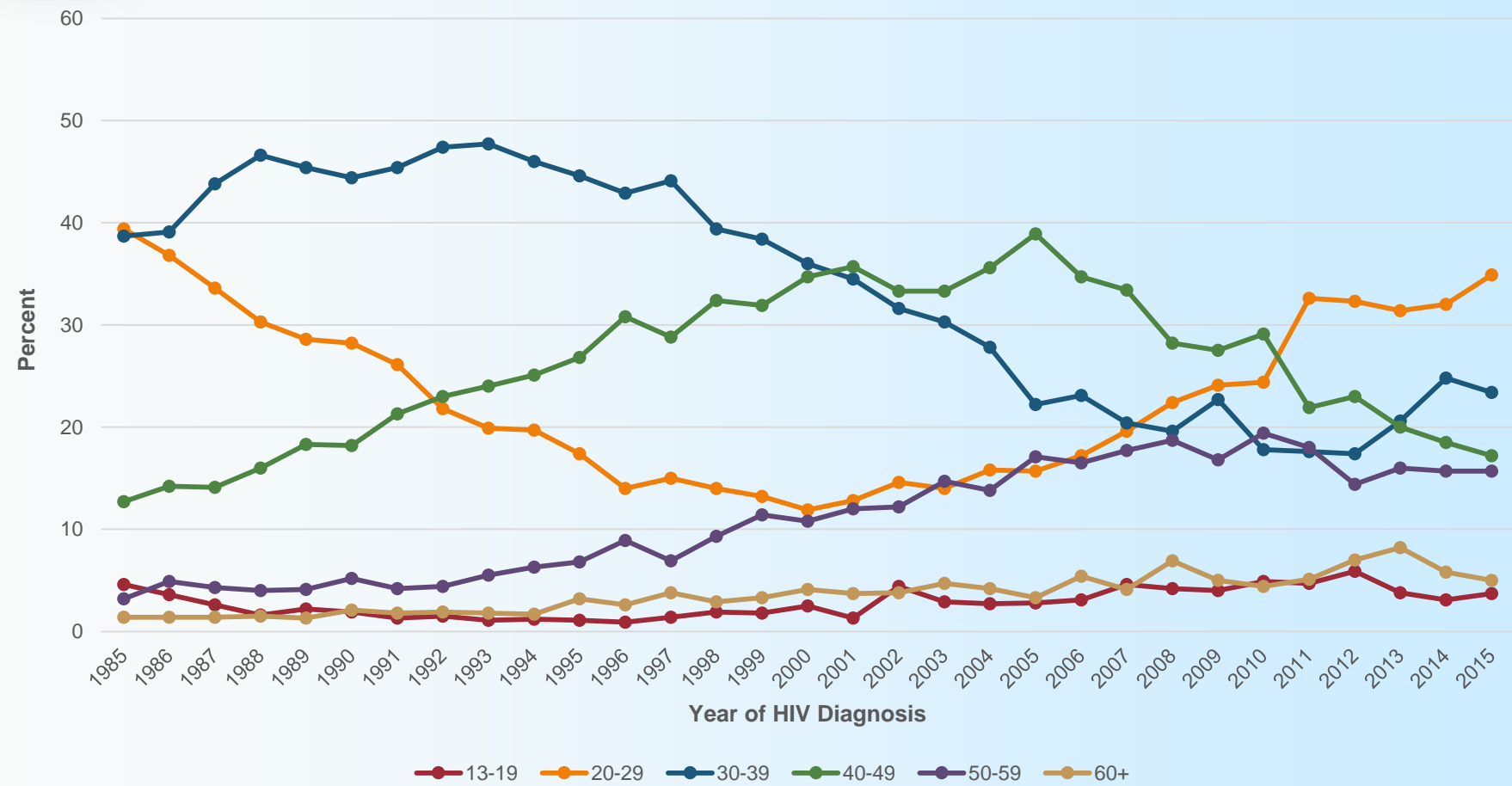
Living Adult/Adolescent HIV Case Rates per 100,000 Population by Jurisdiction, Baltimore-Columbia-Towson MSA, 12/31/15



Population on 7/1/15

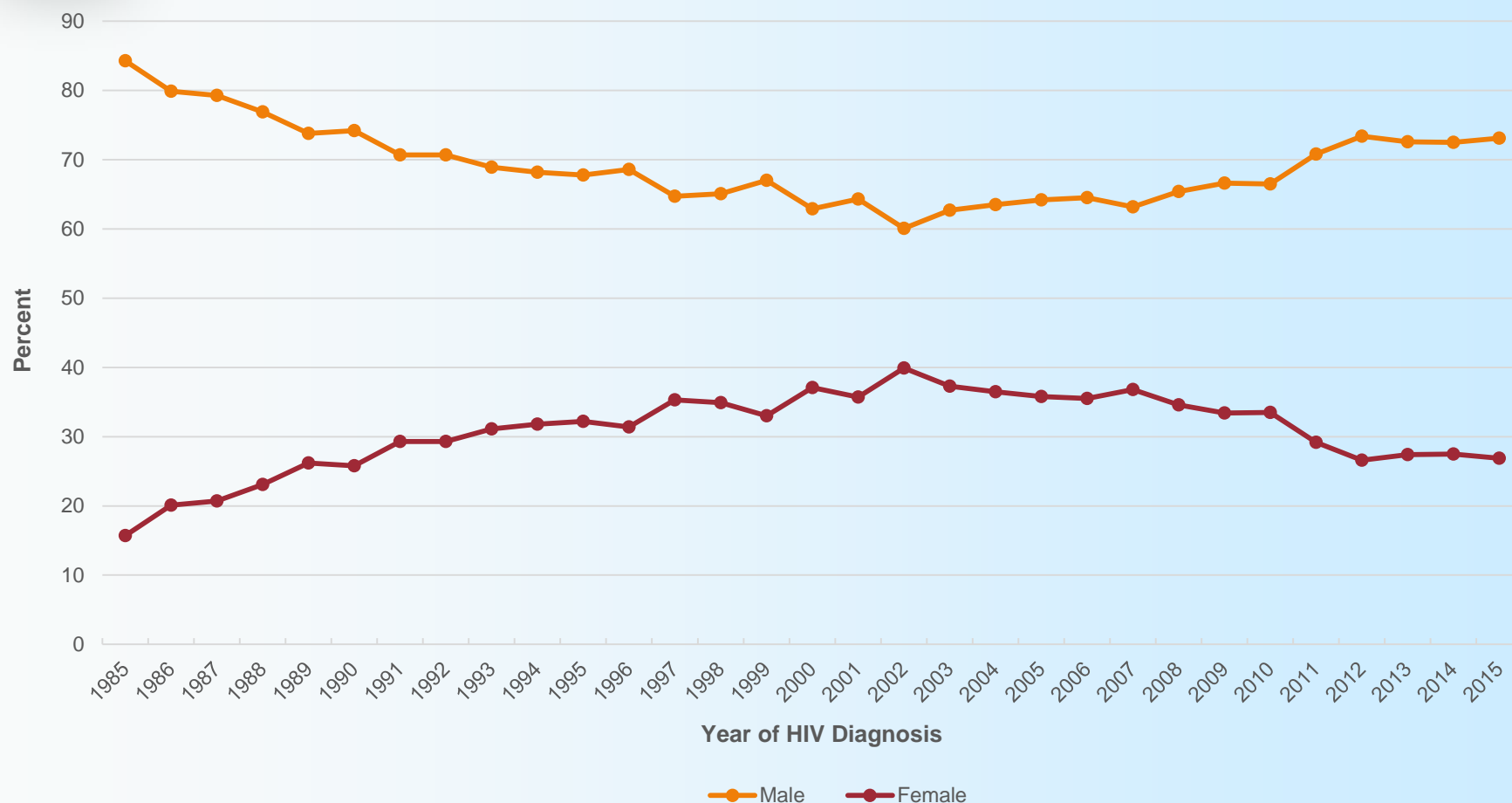
Cases on 12/31/14 as reported through 6/30/16

Adult/Adolescent HIV Diagnosis Trends by Age at Diagnosis, Baltimore-Columbia-Towson MSA



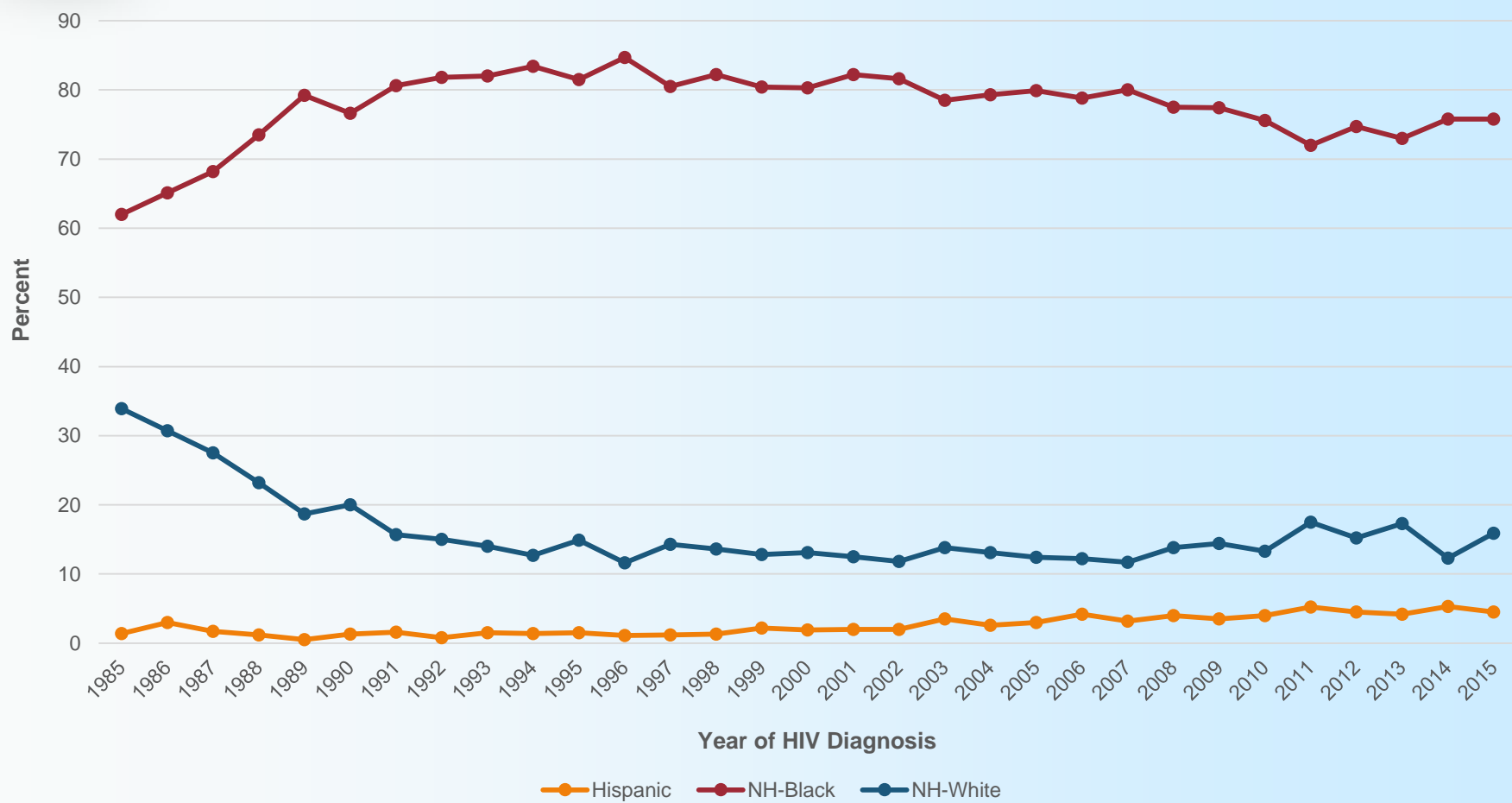
Using data as reported through 6/30/2016

Adult/Adolescent HIV Diagnosis Trends by Sex at Birth, Baltimore-Columbia-Towson MSA



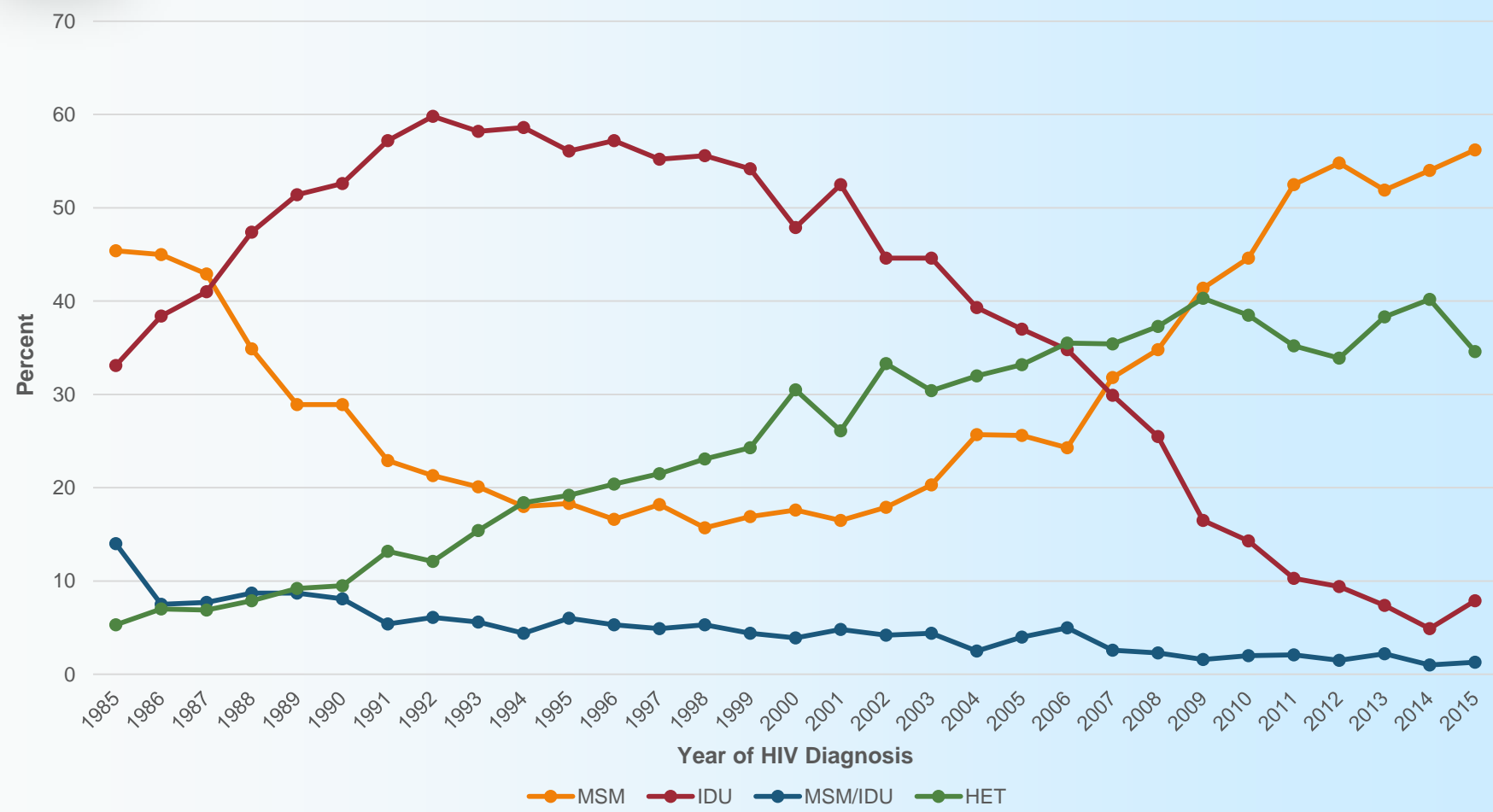
Using data as reported through 6/30/2016

Adult/Adolescent HIV Diagnosis Trends by Race/ Ethnicity, Baltimore-Columbia-Towson MSA



Using data as reported through 6/30/2016

Reported Adult/Adolescent HIV Diagnoses, Exposure Category Trends Baltimore-Columbia-Towson MSA

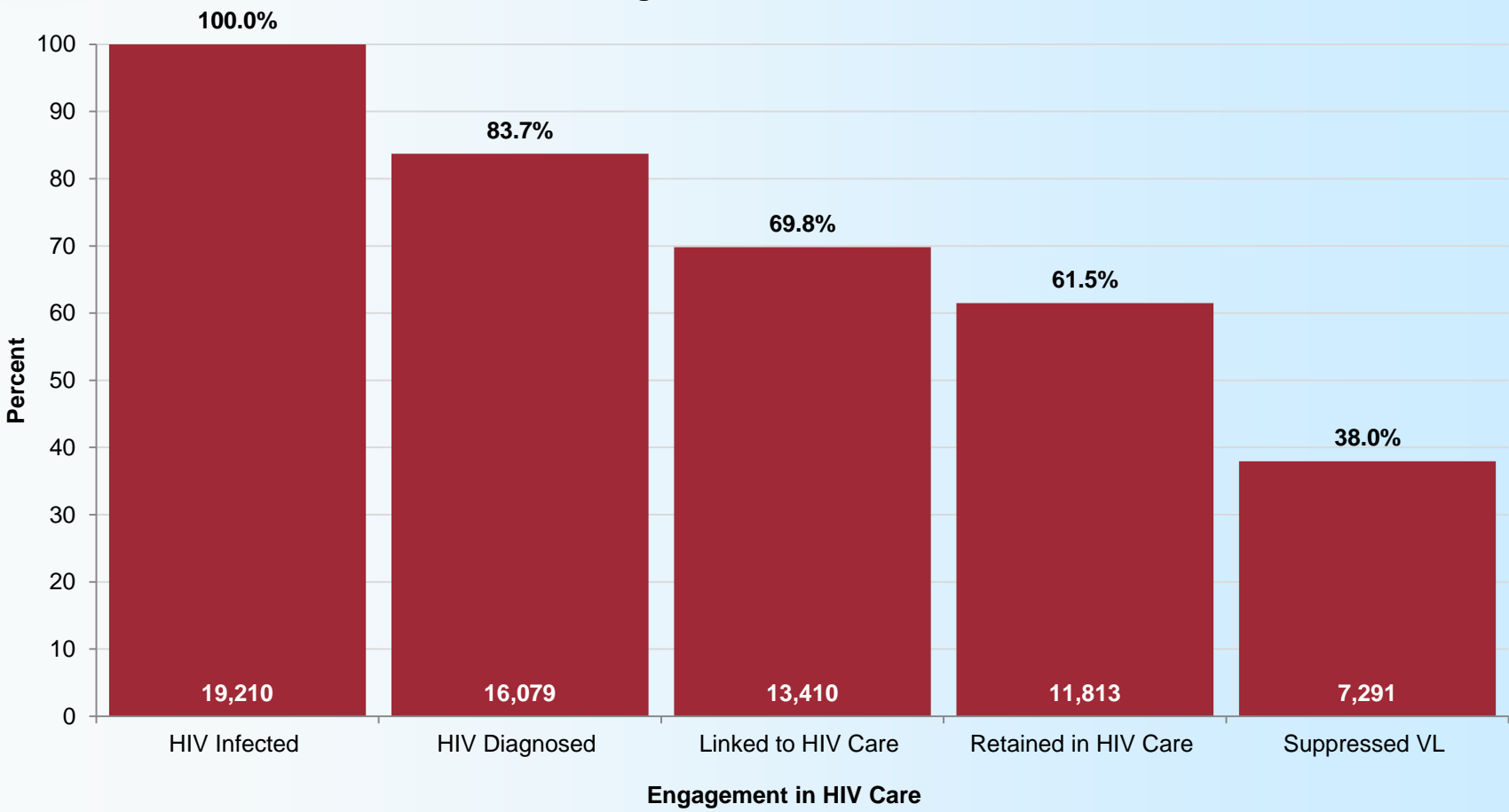


Using data as reported through 6/30/2016

Continuum of Care Using Current Residence Baltimore-Columbia-Towson MSA



Prevalence-Based Estimated Number and Percentage of HIV Infected Adults Engaged in Selected Stages of the Continuum of Care, 2015

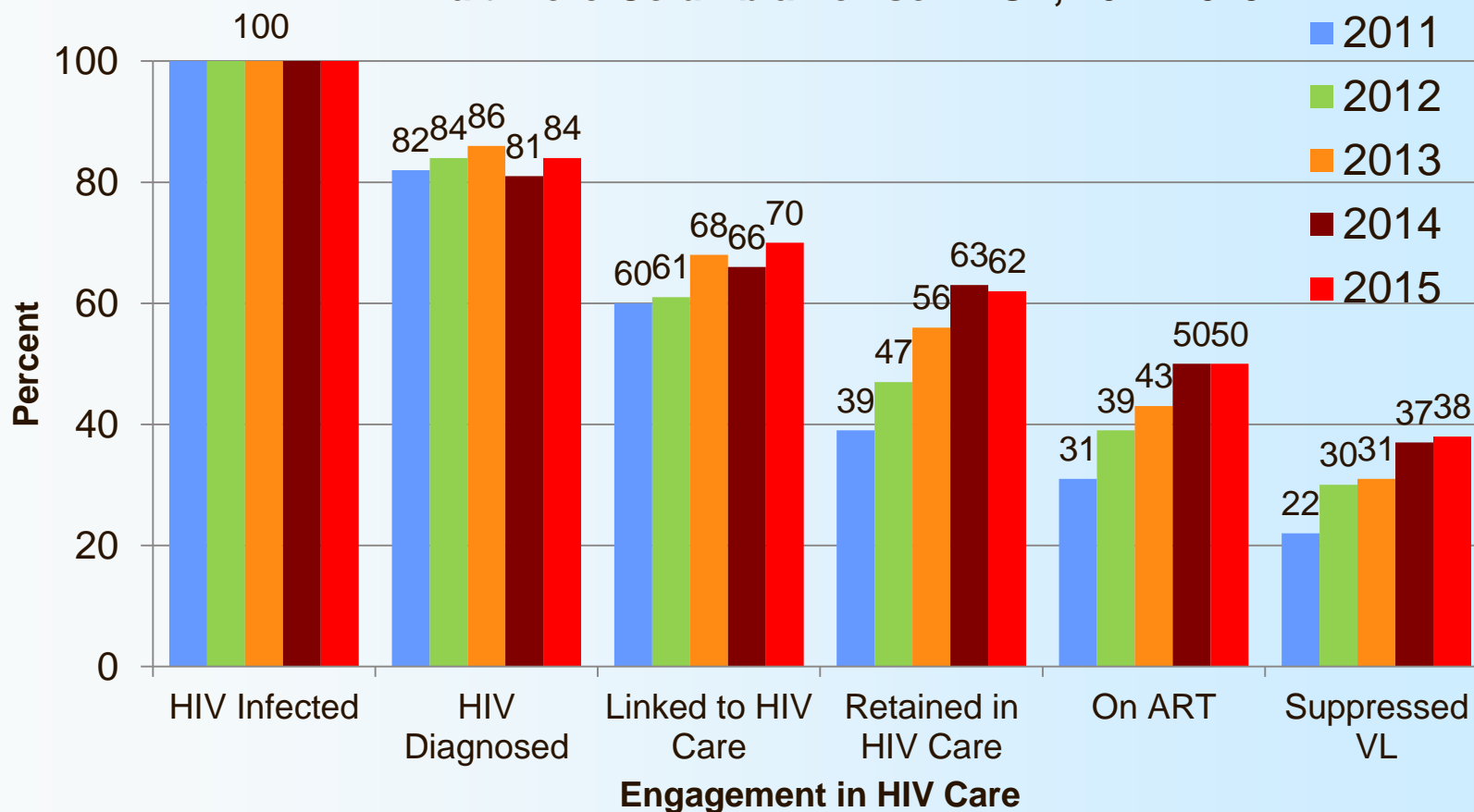


Using data as reported through 6/30/2016



Continuum of Care Trends

Estimated percentage of HIV infected adults/adolescents engaged in selected stages of the continuum of care, Baltimore-Columbia-Towson MSA, 2011-2015



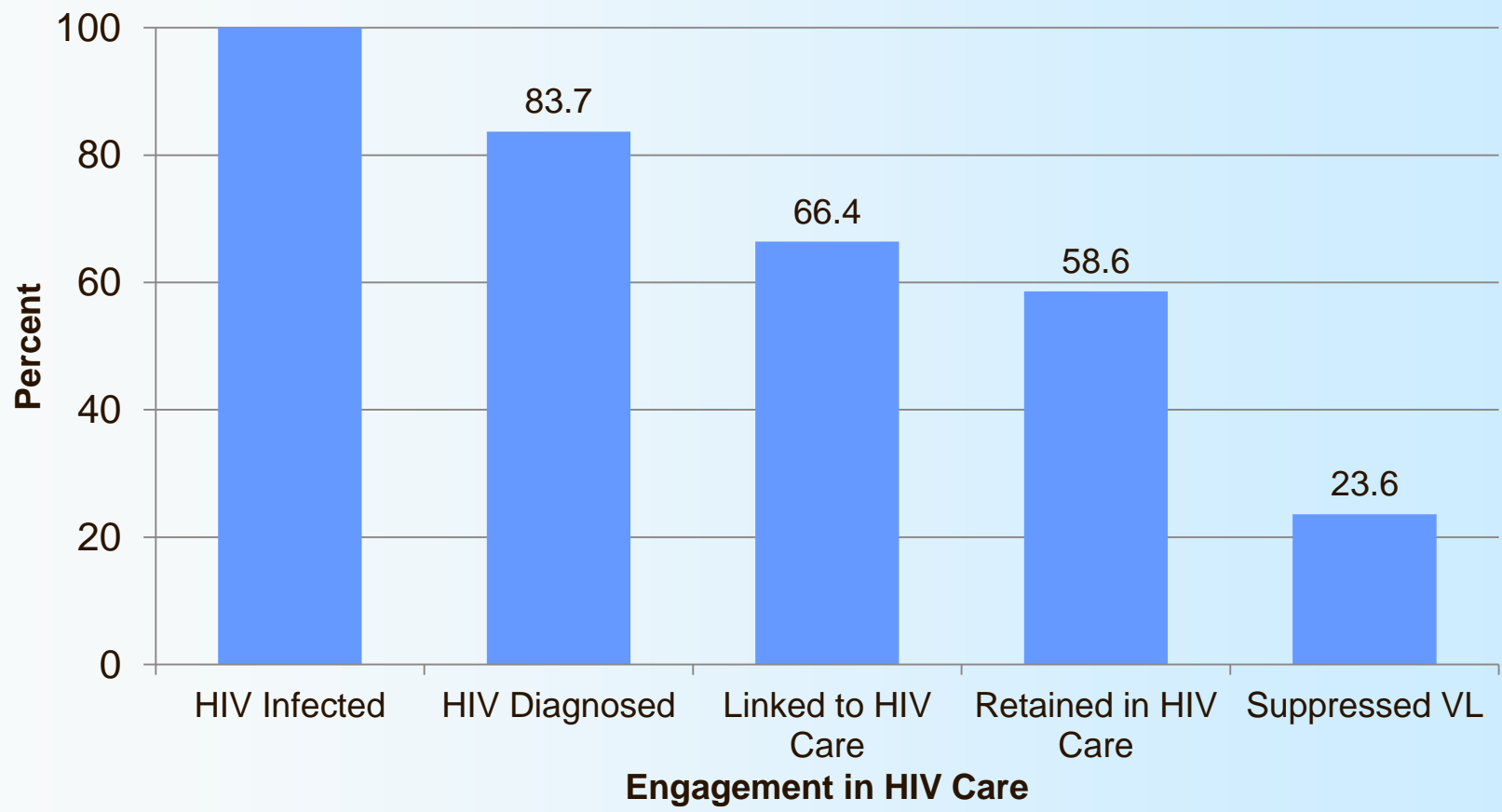
Using data as reported through 12/31/2012, 12/31/2013, 12/31/2014, 12/31/2015, 6/30/2016

Maryland Prevention and
Health Promotion Administration
April 18, 2017



Continuum of Care Using Current Residence Maryland Correctional Facilities

Prevalence-Based Estimated Number and Percentage of HIV Infected Adults Engaged
in Selected Stages of the Continuum of Care, 2015

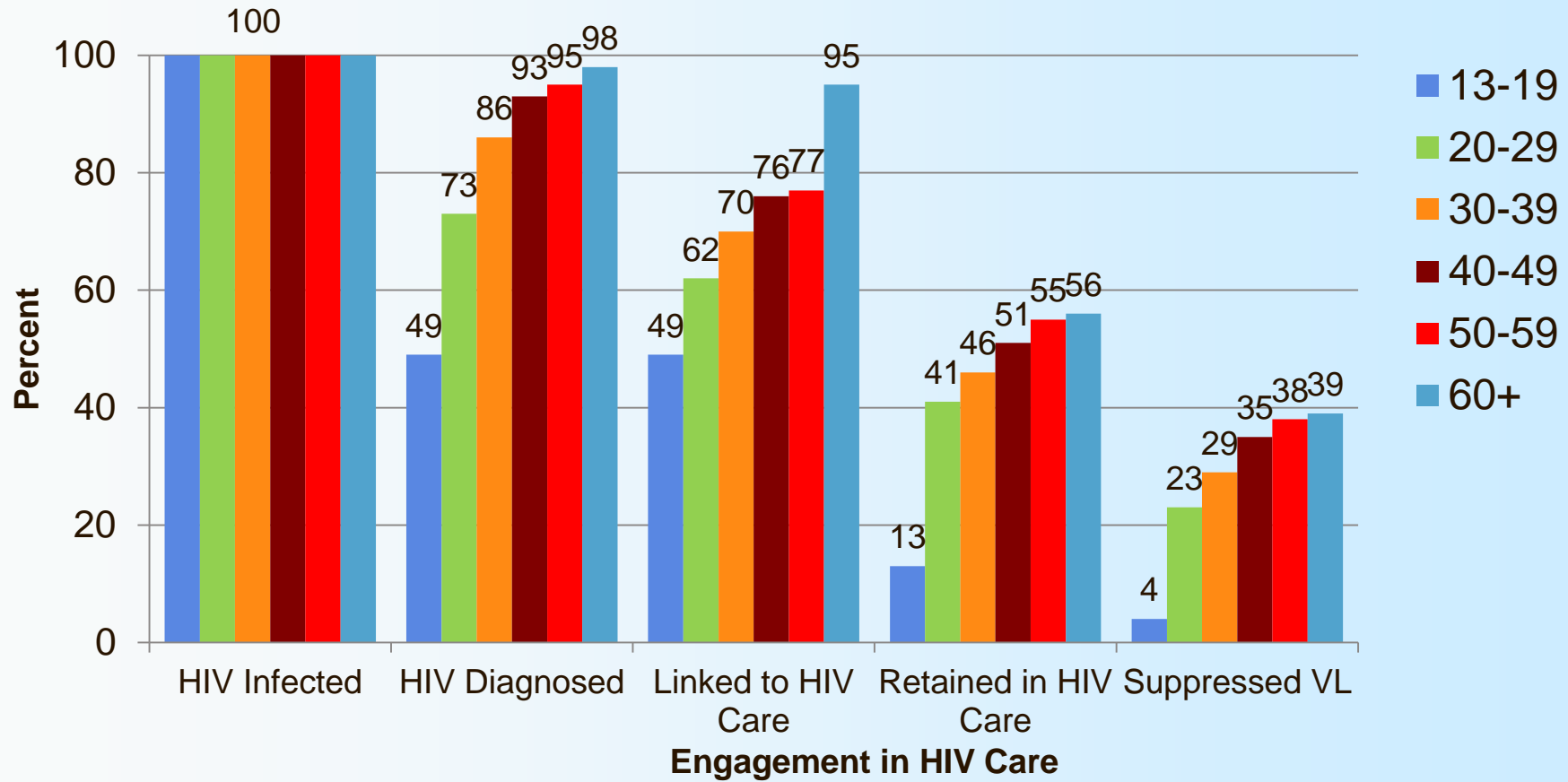


Using data as reported through 6/30/2016



Continuum of Care by Age

Estimated percentage of HIV infected adults/adolescents engaged in selected stages of the continuum of care, Baltimore-Columbia-Towson MSA, 2015

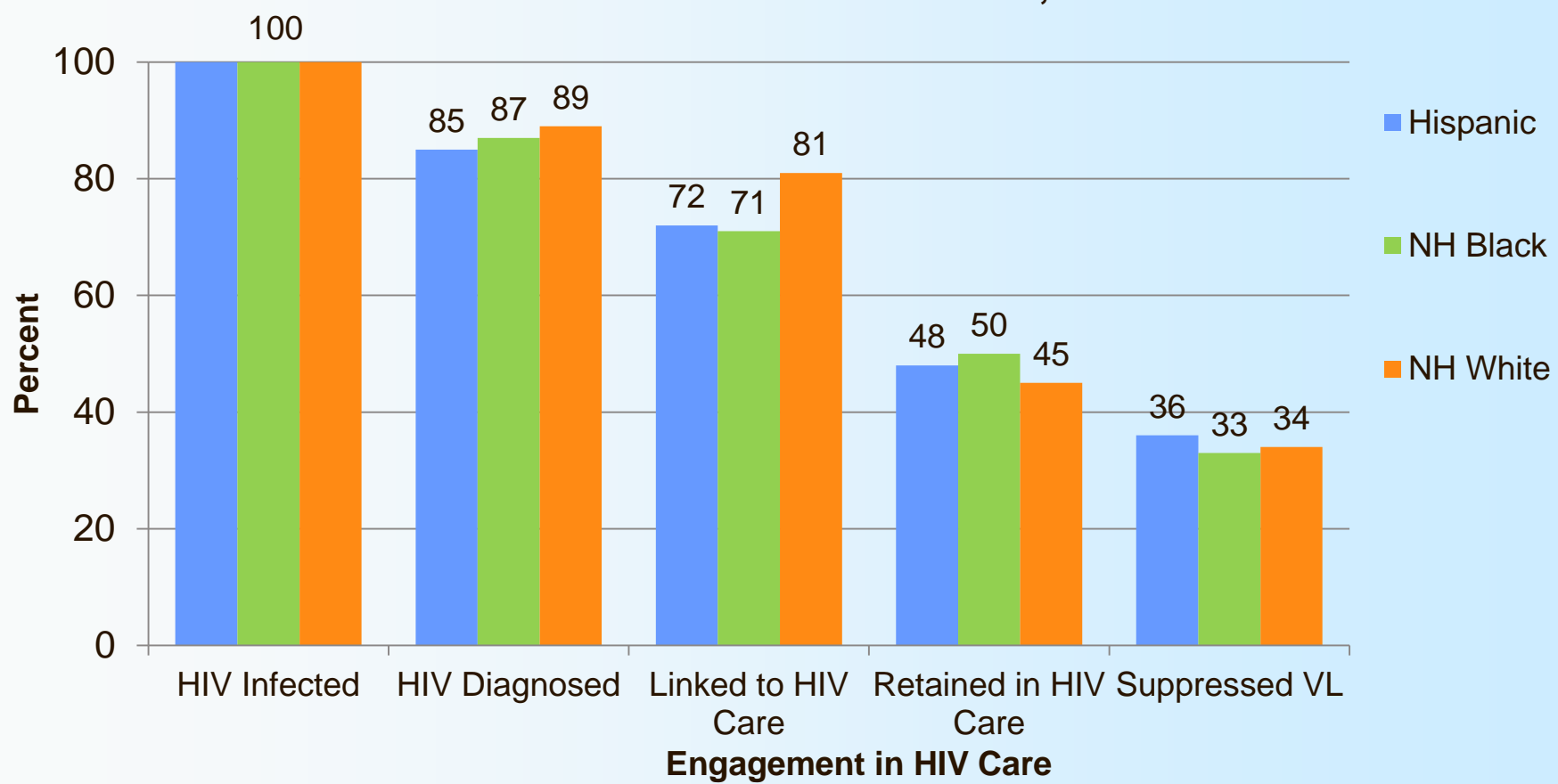


Using data as reported through 6/30/2016



Continuum of Care by Race/Ethnicity

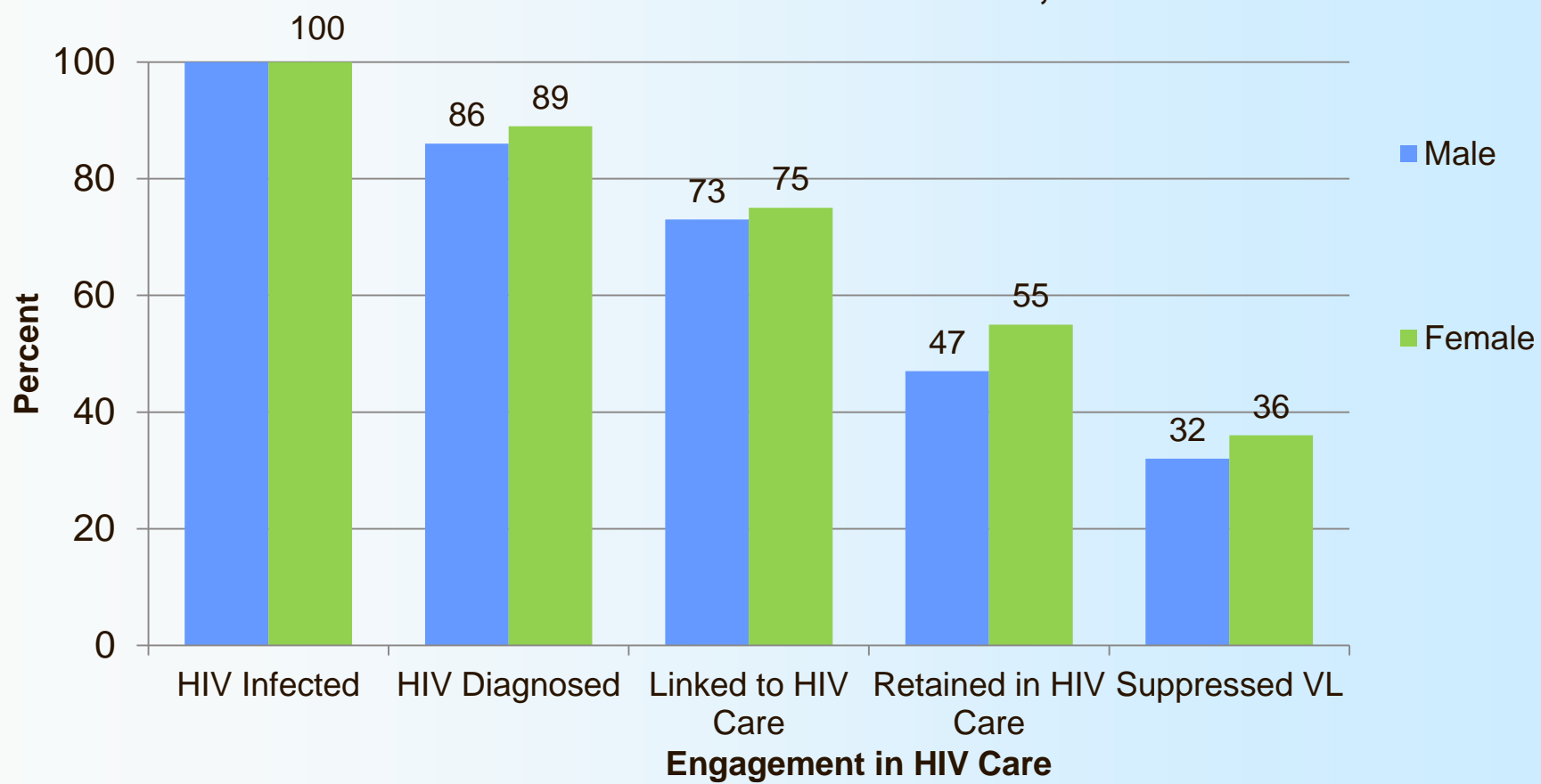
**Estimated percentage of HIV infected adults/adolescents engaged in
selected stages of the continuum of care,
Baltimore-Columbia-Towson MSA, 2015**





Continuum of Care by Sex at Birth

**Estimated percentage of HIV infected adults/adolescents engaged in
selected stages of the continuum of care,
Baltimore-Columbia-Towson MSA, 2015**

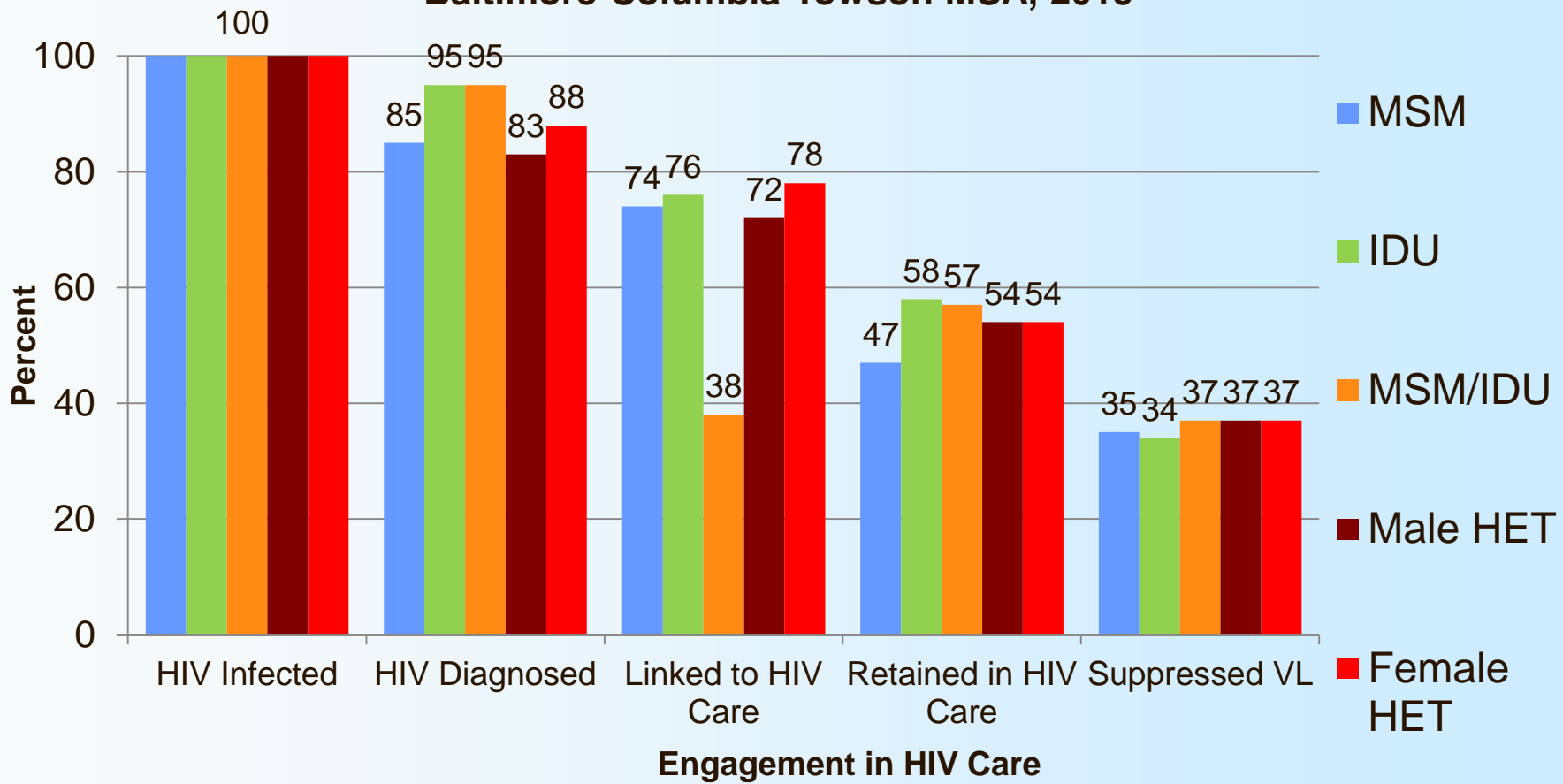


Using data as reported through 6/30/2016



Continuum of Care by Exposure Category

Estimated percentage of HIV infected adults/adolescents engaged in selected stages of the continuum of care, Baltimore-Columbia-Towson MSA, 2015



Using data as reported through 6/30/2016



Prevention and Health Promotion Administration

<http://phpa.dhmmh.maryland.gov/oideor/chse>